IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Susumu NODA et al.

IAP9 Rec'd PCT/PTO 2 9 AUG 2006

Application No.: New U.S. Patent Application

Filed: August 29, 2006 Docket No.: 128698

For: SURFACE-EMITTING LASER LIGHT SOURCE USING TWO-DIMENSIONAL

PHOTONIC CRYSTAL

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- I. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. Relevance of one or more non-English language reference is discussed in the present specification. See References 1-3.
- 3. One or more reference cited herein was cited in the International Search Report. A copy of the International Search Report is attached for the Examiner's information. See References 1-5.
- 4. An English language Abstract of one or more non-English language reference is attached hereto. See References 1-3.
- 5. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and is attached, but has not been reviewed for accuracy. See References 1-3.

Respectfully submitted,

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Form PTO-1449 US Dept. of Commerce ATTY DOCKET NO. APPLICATION NO. (REV. 1/06) PATENT & TRADEMARK OFFICE 128698 New U.S. Patent Application INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) **APPLICANTS** Susumu NODA et al. FILING DATE August 29, 2006 U.S. PATENT DOCUMENTS Examiner Cite Initials Document Number Date Name FOREIGN PATENT DOCUMENTS Cite With With Examiner Initials No. Document Number Date Country English English Abstract Translation I JP A 2003-273455 9/26/2003 Japan Х Х 2 11/30/2000 JP A 2000-332351 Х Х Japan 3 JP A 2004-296538 10/21/2004 Х х Japan OTHER DOCUMENTS Examiner Cite (Including Author, Title, Date, Pertinent Pages, etc.) Initials No. M. Imada et al., "Surface-emitting laser with two-dimensional photonic band structure embedded by water fusion technique," Summaries of Papers Presented et the Conference on Lasers and Electro-Optics 1999 (CLEO '99), pp. 455-456, May 23-28, 1999. 5 Y. Tanaka et al, "Theoretical investigation of a vertically asymmetric photonic crystal slab," The 5th Pacific Rim Conference onLasers and Electro-Optics 2003 (CLEO/Pacific Rim 2003) Vol. 2, p. 402, December 15-19, 2003. **EXAMINER DATE CONSIDERED** Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Date: August 29, 2006